



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 51904  
Application ID: 10630172  
Title of Invention: Preventing Corrosion  
Degradation in a Fluid-Based  
Switch  
First Named Inventor: Arthur Fong  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-07-30  
Effective Receipt Date: 2003-12-09  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 7650  
Attorney Docket Number: 10020434




Total Fees Authorized:

Digital Certificate Holder: cn=Kyle J. Way,ou=Registered Attorneys,ou=Patent and Trademark  
Office,ou=Department of Commerce,o=U.S. Government,c=US  
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**TRANSMITTAL**

Electronic Version v1.1  
Stylesheet Version v1.1.0

| <b>Title of<br/>Invention</b>  | Preventing Corrosion Degradation in a Fluid-Based Switch |                |                           |             |                |   |               |            |  |            |
|--|--|----------------|---------------------------|-------------|----------------|---|---------------|------------|--|------------|
| Application Number: 10/630172    |  |                |                           |             |                |   |               |            |  |            |
| Date: 2003-07-30   |  |                |                           |             |                |   |               |            |  |            |
| First Named Applicant: Arthur Fong   |  |                |                           |             |                |   |               |            |  |            |
| Confirmation Number: 7650  |  |                |                           |             |                |   |               |            |  |            |
| Attorney Docket Number: 10020434   |  |                |                           |             |                |   |               |            |  |            |
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| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Kyle J. Way<br/>Registered Number: 45549</td><td>/Kyle J. Way/</td><td>Attorney</td></tr></tbody></table>  |  |                | Submitted by:             | Elec. Sign. | Sign. Capacity | Kyle J. Way<br>Registered Number: 45549 | /Kyle J. Way/ | Attorney   |  |            |
| Submitted by:  | Elec. Sign.  | Sign. Capacity |                           |             |                |   |               |            |  |            |
| Kyle J. Way<br>Registered Number: 45549  | /Kyle J. Way/  | Attorney       |                           |             |                |   |               |            |  |            |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>10020434IDS1-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>   |  |                | Documents being submitted | Files       | us-ids         | 10020434IDS1-usidst.xml                 |               | us-ids.dtd |  | us-ids.xsl |
| Documents being submitted  | Files  |                |                           |             |                |   |               |            |  |            |
| us-ids   | 10020434IDS1-usidst.xml                                  |                |                           |             |                |   |               |            |  |            |
|  | us-ids.dtd   |                |                           |             |                |   |               |            |  |            |
|  | us-ids.xsl   |                |                           |             |                |   |               |            |  |            |
| Comments   |  |                |                           |             |                |   |               |            |  |            |



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention  | Preventing Corrosion Degradation in a Fluid-Based Switch |            |            |                            |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |                |  |  |  |  |   |         |            |                            |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |                   |  |  |  |
|---|--|------------|------------|----------------------------|------|-------|----------|------|----------|------------|------|----------|------|-------|----------|--|---|---------|------------|-------------------|--|--|--|--|---|---------|------------|----------------|--|--|--|--|---|---------|------------|----------------------------|--|--|--|--|---|---------|------------|---------------|--|--|--|--|---|---------|------------|-------------------|--|--|--|
| <p>Application Number: 10/630172</p> <p>Confirmation Number: 7650</p> <p>First Named Applicant: Arthur Fong</p> <p>Attorney Docket Number: 10020434</p> <p>Search string: ( 2312672 or 2564081 or 3430020 or 3529268 or 3600537 or 3639165 or 3657647 or 4103135 or 4200779 or 4238748 or 4245886 or 4336570 or 4419650 or 4434337 or 4475033 or 4505539 or 4582391 or 4628161 or 4652710 or 4657339 or 4742263 or 4786130 or 4797519 or 4804932 or 4988157 or 5278012 or 5415026 or 5502781 or 5644676 or 5675310 or 5677823 or 5751074 or 5751552 or 5828799 or 5841686 or 5849623 or 5874770 or 5875531 or 5886407 or 5889325 or 5912606 or 5915050 or 5972737 or 5994750 or 6021048 or 6180873 or 6201682 or 6207234 or 6212308 or 6225133 or 6278541 or 6304450 or 6320994 or 6323447 or 6351579 or 6356679 or 6373356 or 6396012 or 6396371 or 6408112 or 6446317 or 6453086 or 6470106 or 6487333 or 6501354 or 6512322 or 6515404 or 6516504 or 6559420 or 6633213 or 20020037128 or 20020146197 or 20020150323 or 20020168133 or 20030035611 ).pn.</p> |  |            |            |                            |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |                |  |  |  |  |   |         |            |                            |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |                   |  |  |  |
| <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>2312672</td><td>1943-03-02</td><td>C.E. Pollard, Jr.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>2564081</td><td>1951-08-14</td><td>L.J. Schilling</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>3430020</td><td>1969-02-25</td><td>R. Von Tomkewitsch, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>3529268</td><td>1970-09-15</td><td>U. Rauterberg</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>3600537</td><td>1971-08-17</td><td>Robert H. Twyford</td><td></td><td></td><td></td></tr></tbody></table>  |  |            |            |                            |      |       |          | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |  | 1 | 2312672 | 1943-03-02 | C.E. Pollard, Jr. |  |  |  |  | 2 | 2564081 | 1951-08-14 | L.J. Schilling |  |  |  |  | 3 | 3430020 | 1969-02-25 | R. Von Tomkewitsch, et al. |  |  |  |  | 4 | 3529268 | 1970-09-15 | U. Rauterberg |  |  |  |  | 5 | 3600537 | 1971-08-17 | Robert H. Twyford |  |  |  |
| init  | Cite.No.   | Patent No. | Date       | Patentee                   | Kind | Class | Subclass |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |                |  |  |  |  |   |         |            |                            |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |                   |  |  |  |
|   | 1  | 2312672    | 1943-03-02 | C.E. Pollard, Jr.          |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |                |  |  |  |  |   |         |            |                            |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |                   |  |  |  |
|   | 2  | 2564081    | 1951-08-14 | L.J. Schilling             |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |                |  |  |  |  |   |         |            |                            |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |                   |  |  |  |
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|   | 4  | 3529268    | 1970-09-15 | U. Rauterberg              |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |                |  |  |  |  |   |         |            |                            |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |                   |  |  |  |
|   | 5  | 3600537    | 1971-08-17 | Robert H. Twyford          |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |                |  |  |  |  |   |         |            |                            |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |                   |  |  |  |

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|  | 67 | 6515404 | 2003-02-04 | Marvin Glenn Wong               |
|  | 68 | 6516504 | 2003-02-11 | Leonard W. Schaper              |
|  | 69 | 6559420 | 2003-05-06 | Sasko Zarev                     |
|  | 70 | 6633213 | 2003-10-14 | Lewis R. Dove                   |

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No.    | Date       | Applicant                        | Kind | Class | Subclass |
|------|----------|-------------|------------|----------------------------------|------|-------|----------|
|      | 1        | 20020037128 | 2002-03-28 | Gerardus Johannes Burger, et al. |      |       |          |
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|  | 4 | 20020168133 | 2002-11-14 | Takeshi Saito         |
|  | 5 | 20030035611 | 2003-02-20 | Youchun Shi           |

Signature

|               |      |
|---------------|------|
| Examiner Name | Date |
|               |      |